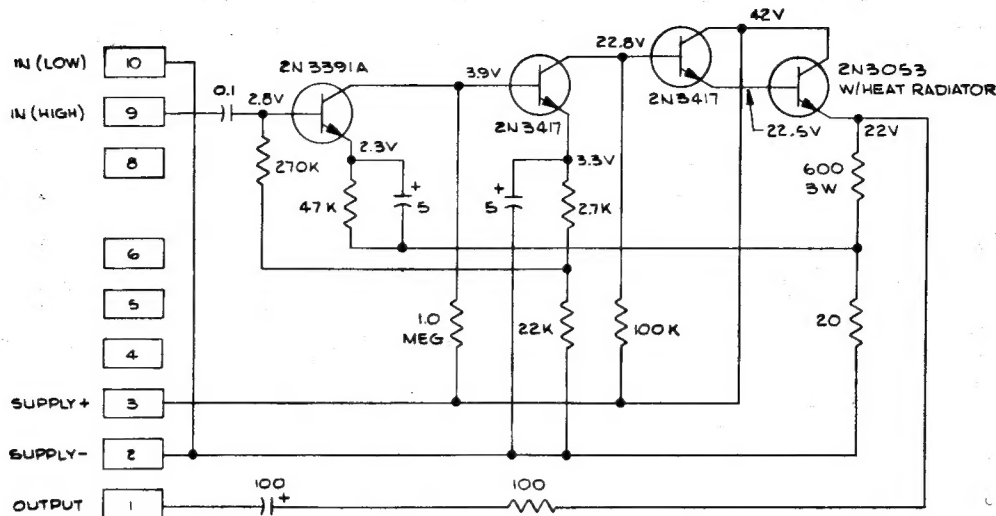


AM 4700 AMPLIFIER



THE AM4700 AMPLIFIER IS PRIMARILY INTENDED AS A "PROGRAM" AMPLIFIER.

INPUT IMPEDANCE	Approximately 250,000 ohms. All data on this sheet were obtained with a source of 100,000 ohms.
GAIN	Input of approximately 40 mv rms will cause output of plus four dbm into 600 ohm load.
FREQ. RESPONSE	Uniform within 0.25 db over range 30 Hz to 15 kHz.
OUTPUT Z	600 ohms nominal. Actual dynamic output impedance is approximately 110 ohms.
HARMONIC GENERATION, %	At plus eighteen dbm output into 600 ohms, total harmonic generation will be under 0.2 at 1000 Hz, and under 0.5 over the range 30 Hz to 15 kHz.
NOISE	Noise generation is at least 60 db lower than an output level of plus four dbm.
POWER REQUIREMENT	Demand from 42 v DC supply is approximately 40 milliamperes. Do not power from a supply that is over 50 v DC. Supply must contain less than 1.0 millivolt total noise.
SIZE	Constructed on printed-wiring card whose overall dimensions are 2 1/4" wide x 2 1/2" long. "Long" dimension includes printed-on plug terminals. No part on the board extends over 1 1/8" from surface.
MOUNTING	To be mounted in TRY4000. When seated in tray, maximum overall dimensions are: From flat side of tray to top of tallest part on AM4700, 1 1/2". Flat mounting area (length includes solder lugs on tray connector), 2 7/8" long x 2.450" wide. When the TRY4000 (containing AM4700 Amplifier) is mounted to panel by means of the BKT4000 Bracket and a gain control (not supplied), minimum mounting centers are 1 5/8".

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Because of a policy of inaugurating changes in solid-state equipment at irregular intervals in order to maintain "state of the art" performance, Langevin reserves the right to modify design of this product without notification.